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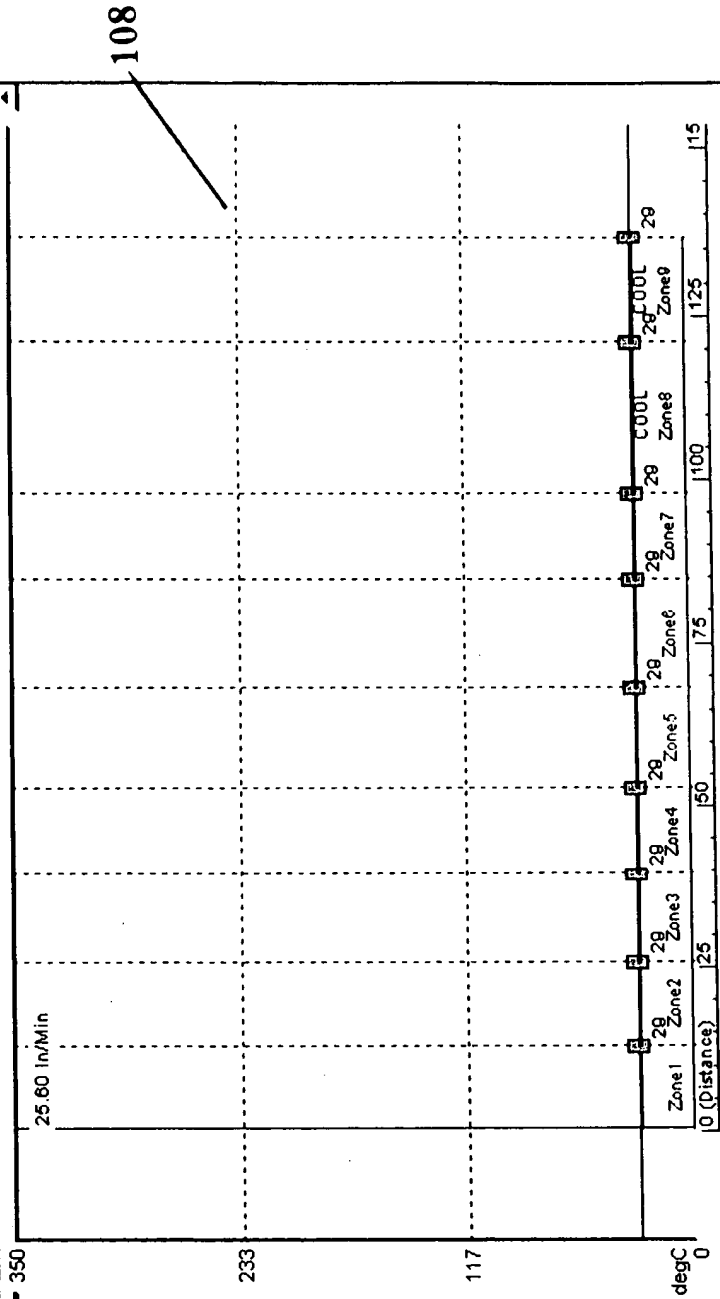
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AutoM.O.L.E. - Xpert DEMO V5.01b - [XM5 sample]
 File View Profile Tools Help



Xpert(tm) Planner Status
 Designer:
 Date:
 PASTE
 Mfg:
 P/N:
 Type:
 Liquidous:
 Soak T: C - C
 OVEN
 Mfg: DemoManufacture
 Model: DemoName
 Type:

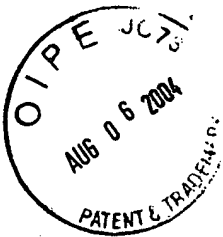


Target Profile		Peak	Minimum	Max (+) Slope	Max (-) Slope	Time Above 183C	Time -18C--18C
29.4		29.4	29.4	0.00	0.00	0.0	0.0
Zone Slopes Summary State							
Welcome! Spreadsheet		1. Plan		2. Set & Verify			
X= 75.9 in Y=68C							
05/01/201							
HH:MM:SS							

X= 75.9 in Y=68C [05/01/01] [HH:MM:SS]

FIG. 9

121 117 119



Jeffrey B. Haendler
Application No. 10/043,728 Filed: January 9, 2002
Our Ref. No. 748-58343
Art Unit: 1725
For: CONVEYOR OVEN PROFILING SYSTEM
Inventor(s): Austen et al.

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Profile Generator

Paste

Manufacturer - P/N - Type - Liquidus

Alpha Metals - Ultraprint 78(Ag) - NC 179

	Ideal	Units	Nominal	User Set	Ideal	Units	Robust
Ramp	Slope	(Deg/Sec)	1.50		1.5	(Deg/Sec)	1.5
	Begin T	(Deg C)	30				
	End T	(Deg C)	120				
	Time				60.0	(Seconds)	60.0
Soak	Slope	(Deg C)	120	120	0.5	(Deg/Sec)	0.4
	Begin T	(Deg C)	160				
	End T	(Seconds)	75		75.0	(Seconds)	98.9
	Time				1.5	(Deg/Sec)	0.8
Spike	Slope	(Deg/Sec)	1.50	160	38.7	(Seconds)	69.4
	Begin T	(Deg C)	218				
	Peak T	(Deg C)					
	Time						

Liquid Peak T (Deg C) 218

Liquidous (Deg C) 179

Slope (Deg/Sec) 1.50

Time Above (Seconds) 52

Conv Length (cm) 247.4

Speed (cm/Mn) 85.5

Speed (In/Mn) 33.7

Print

☒ Draw Paste Specification

☒ Smoothing

Clear

Apply

Zone Profile

Zone Slopes

Summary Stats

Well Control

Spreadsheet

1. Plan

2. Set & Verify

Max (C) Slope 0.00

Time Above 183C 0.0

Time 18C-18C 0.0

Max (C) Slope 0.00

Time Above 183C 0.0

Time 18C-18C 0.0

Max (C) Slope 0.00

Time Above 183C 0.0

Time 18C-18C 0.0

X=12.6 in Y=7C

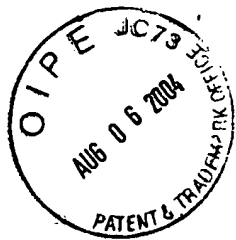
07/23/04

HH:MM:SS

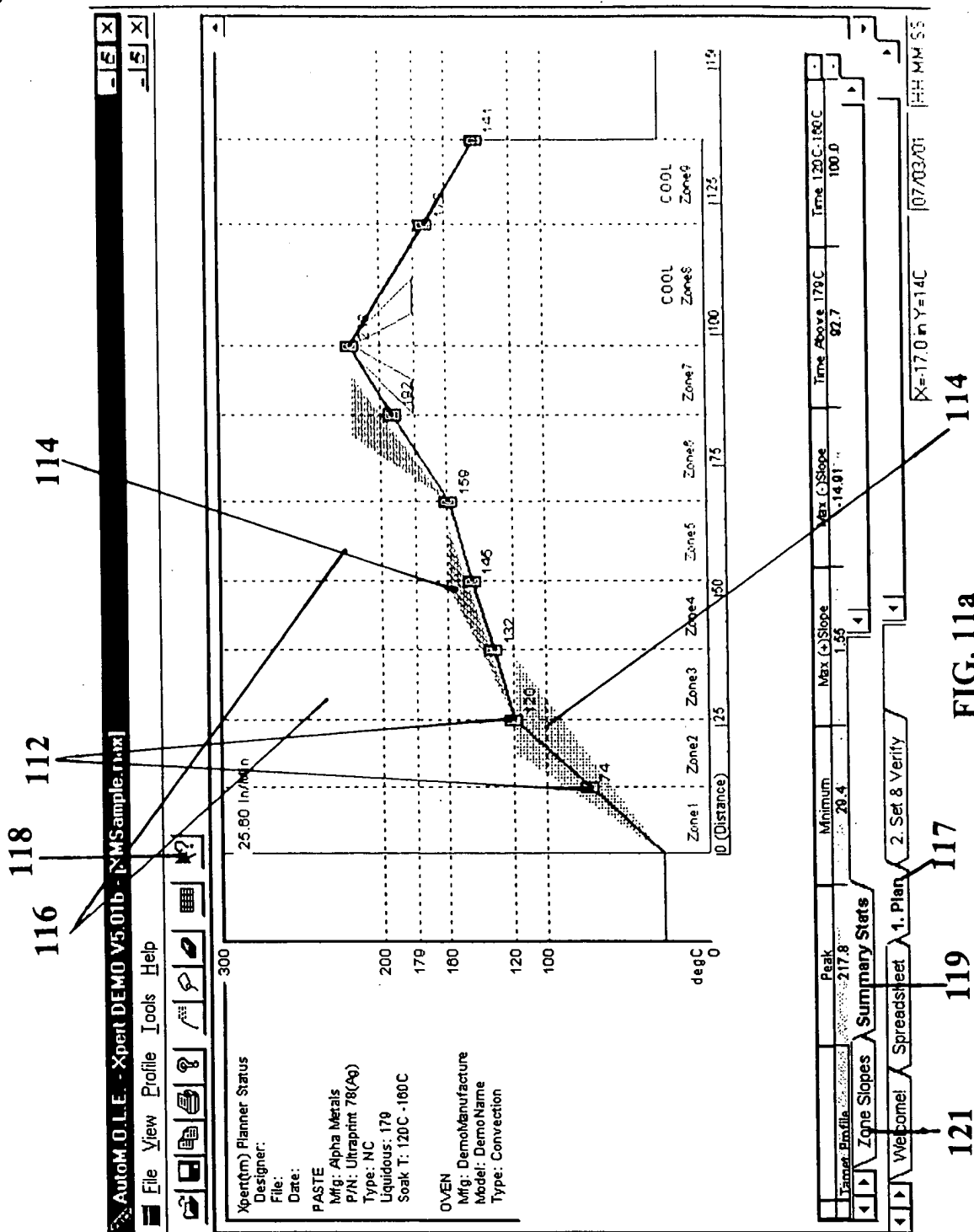
110

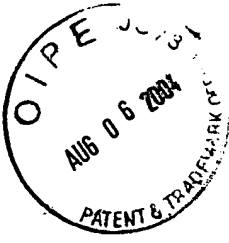
FIG. 10

121 119 117



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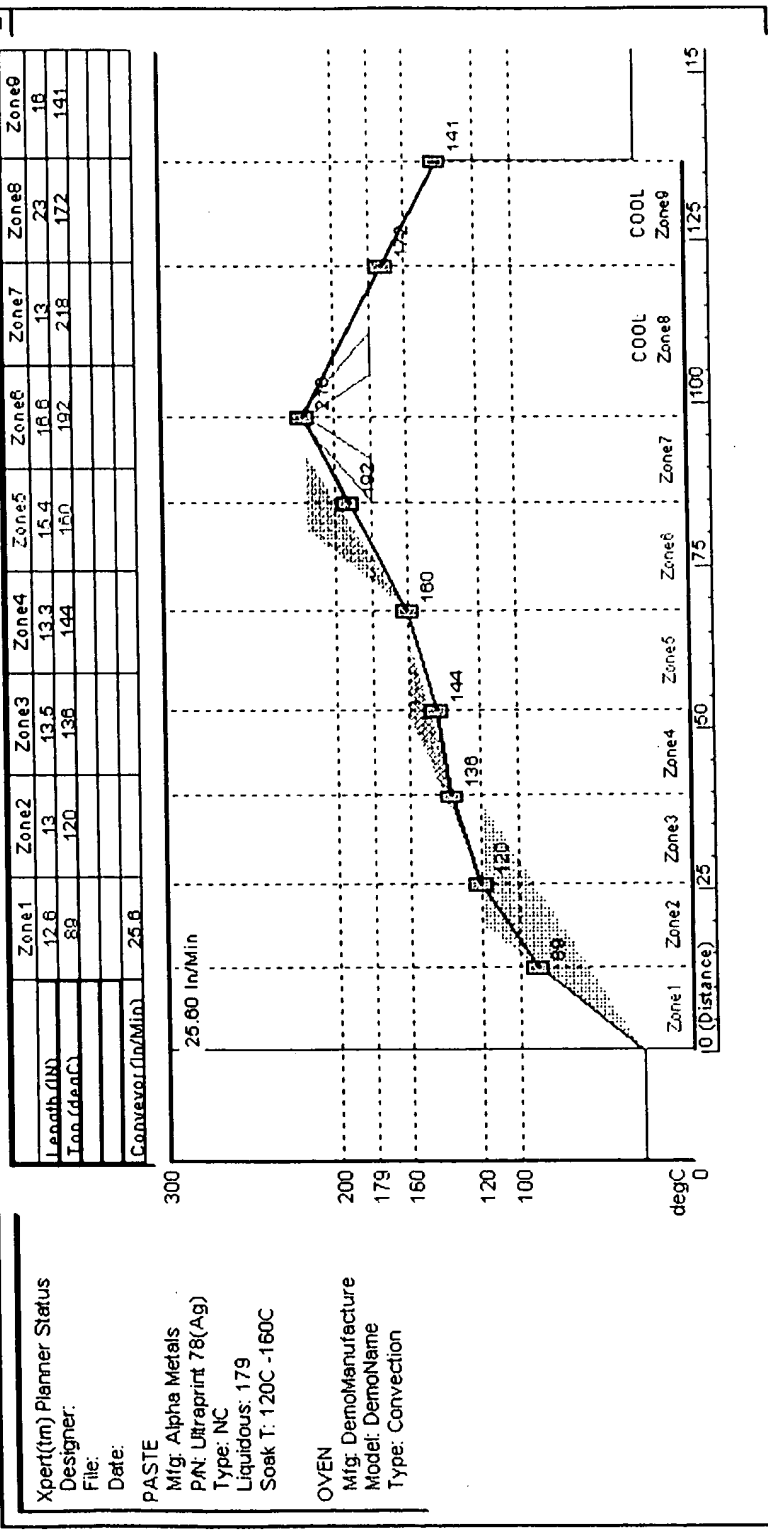


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AutoM.O.L.E. - Xpert DEMO V5.01b - [XMSample]

File View Profile Tools Help



Target Profile

Zone Slopes

Summary Stats

	Zone1	Zone2	Zone3	Zone4	Zone5	Zone6	Zone7	Zone8	Zone9
Target Profile	2.0	1.0	0.5	0.2	0.4	0.8	0.8	-0.8	-0.8
Zone Slopes									
Summary Stats									

Welcome! / Spreadsheet / 1. Plan / 2. Set & Verify

X= 86.4 in Y=298C

05/01/01

HH:MM:SS

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FIG. 11b

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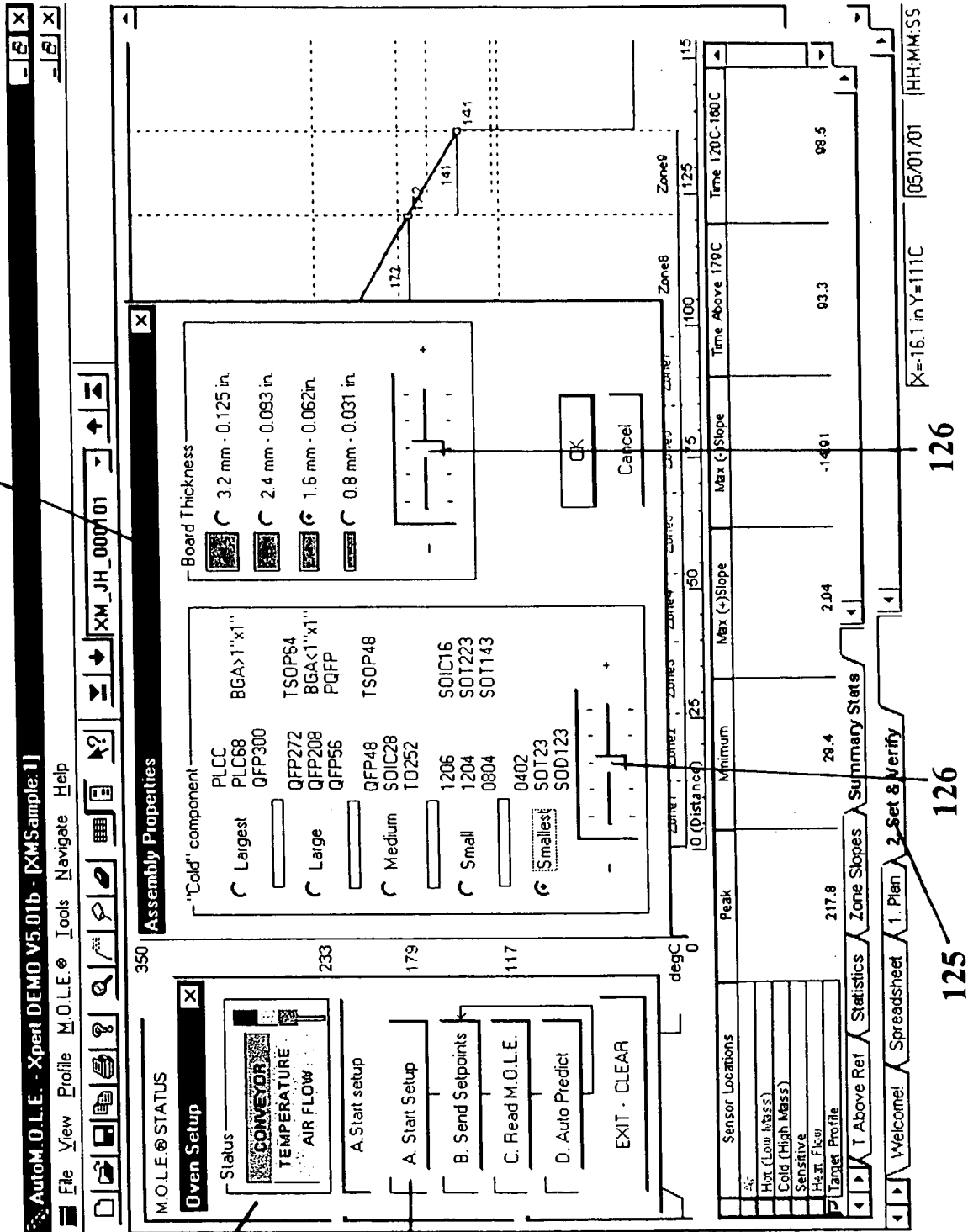
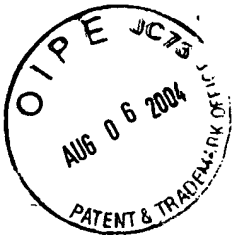
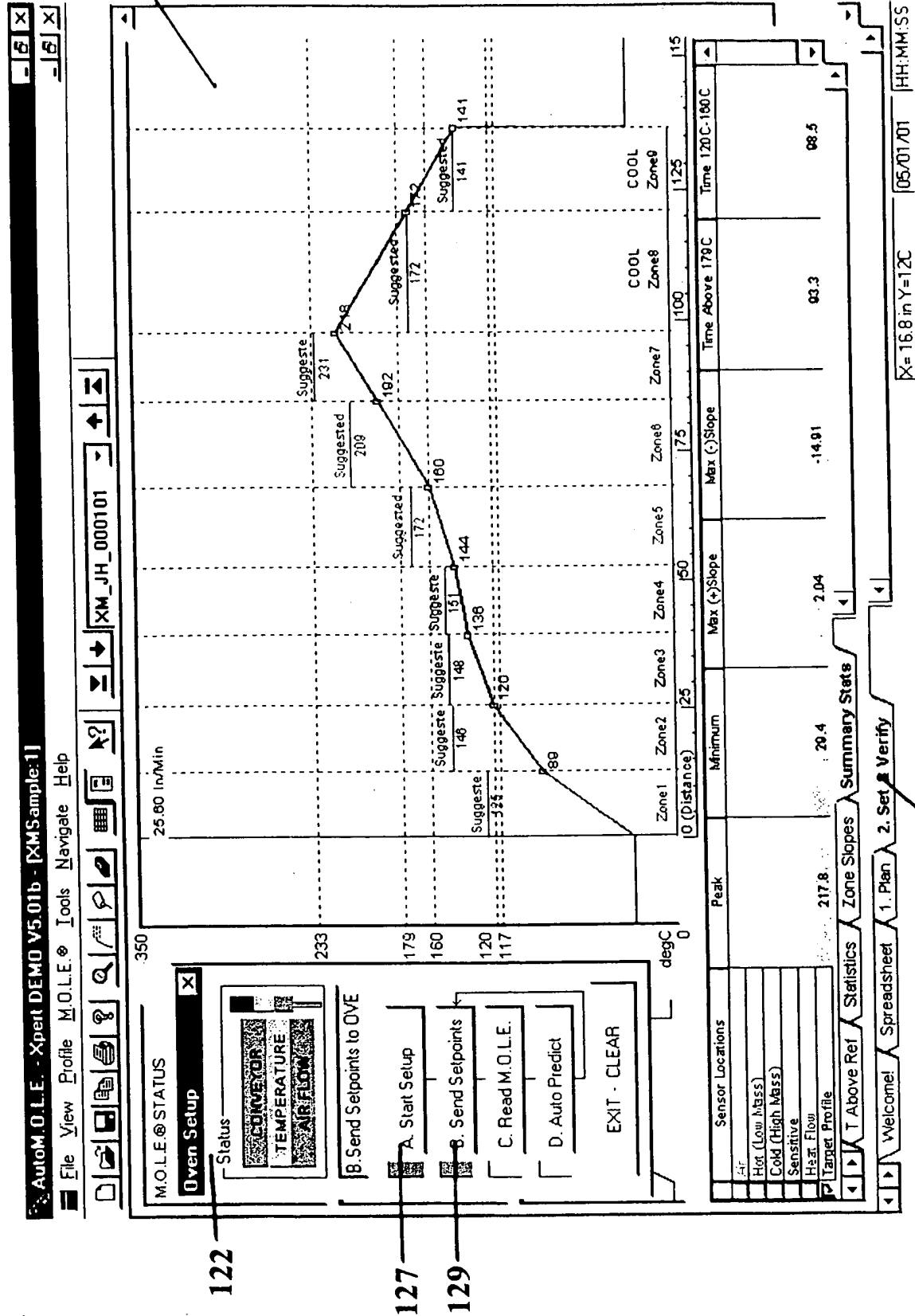
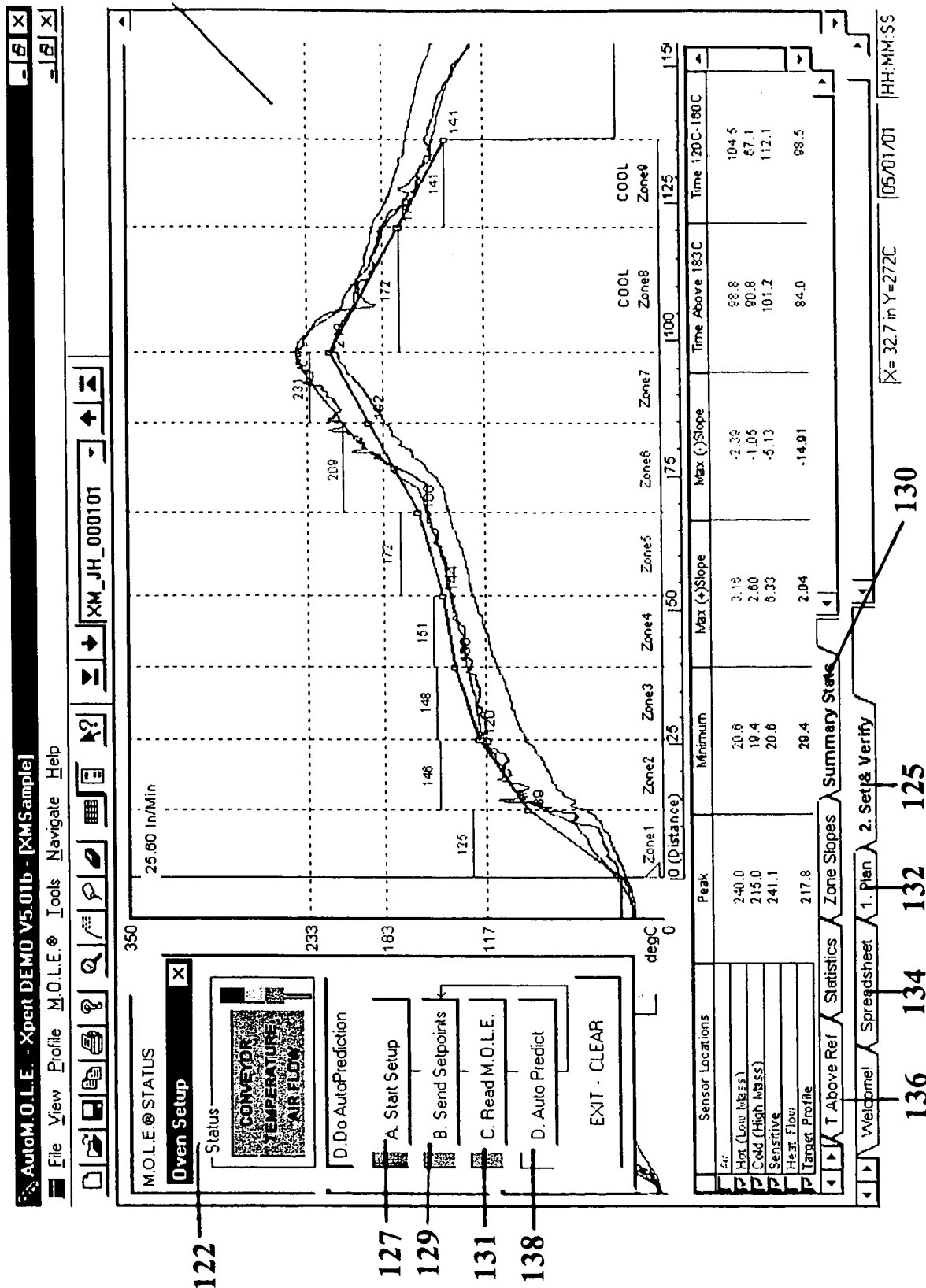


FIG. 12



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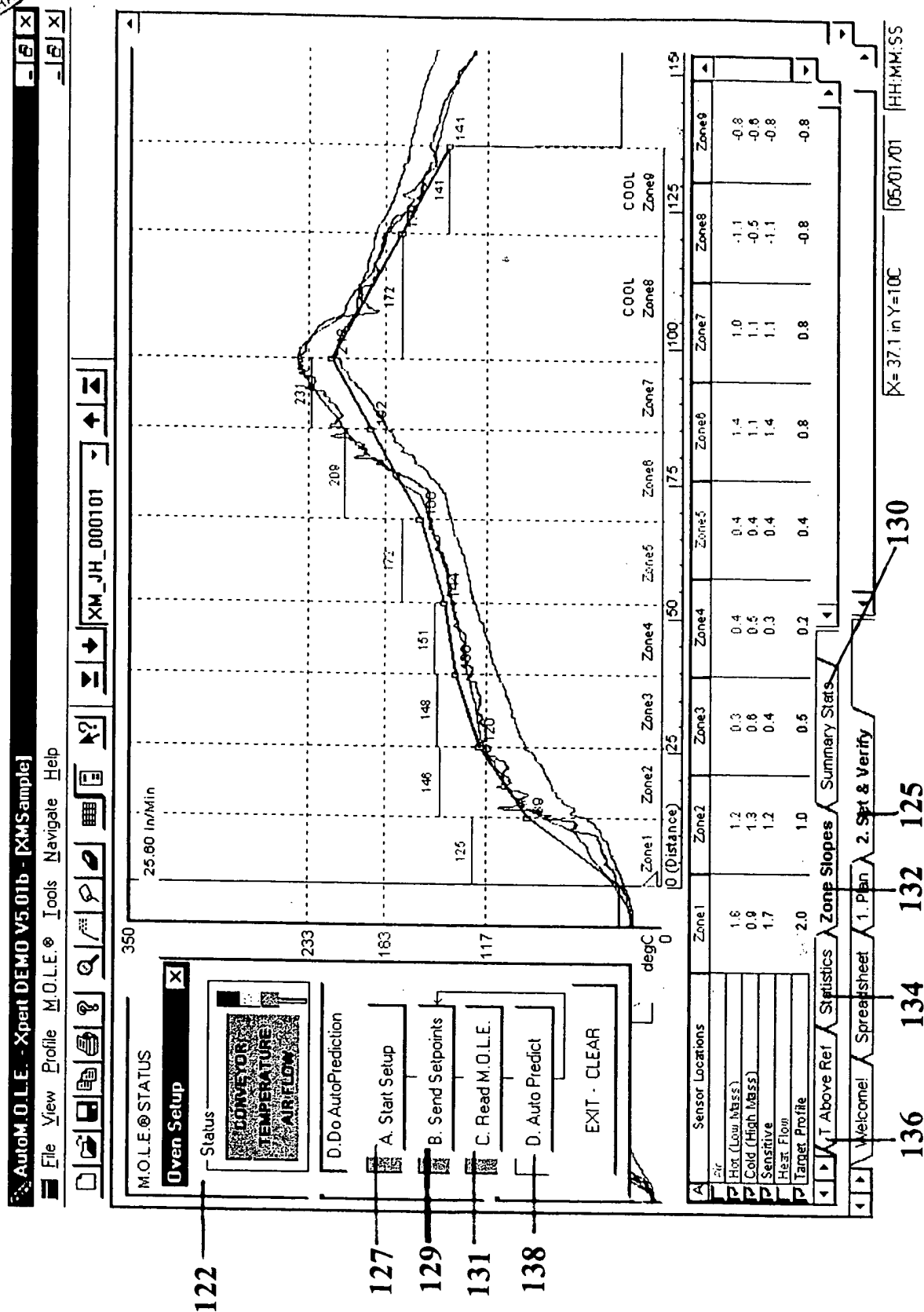
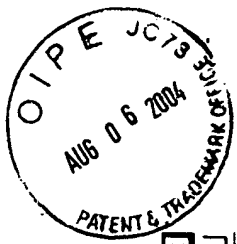


FIG. 15



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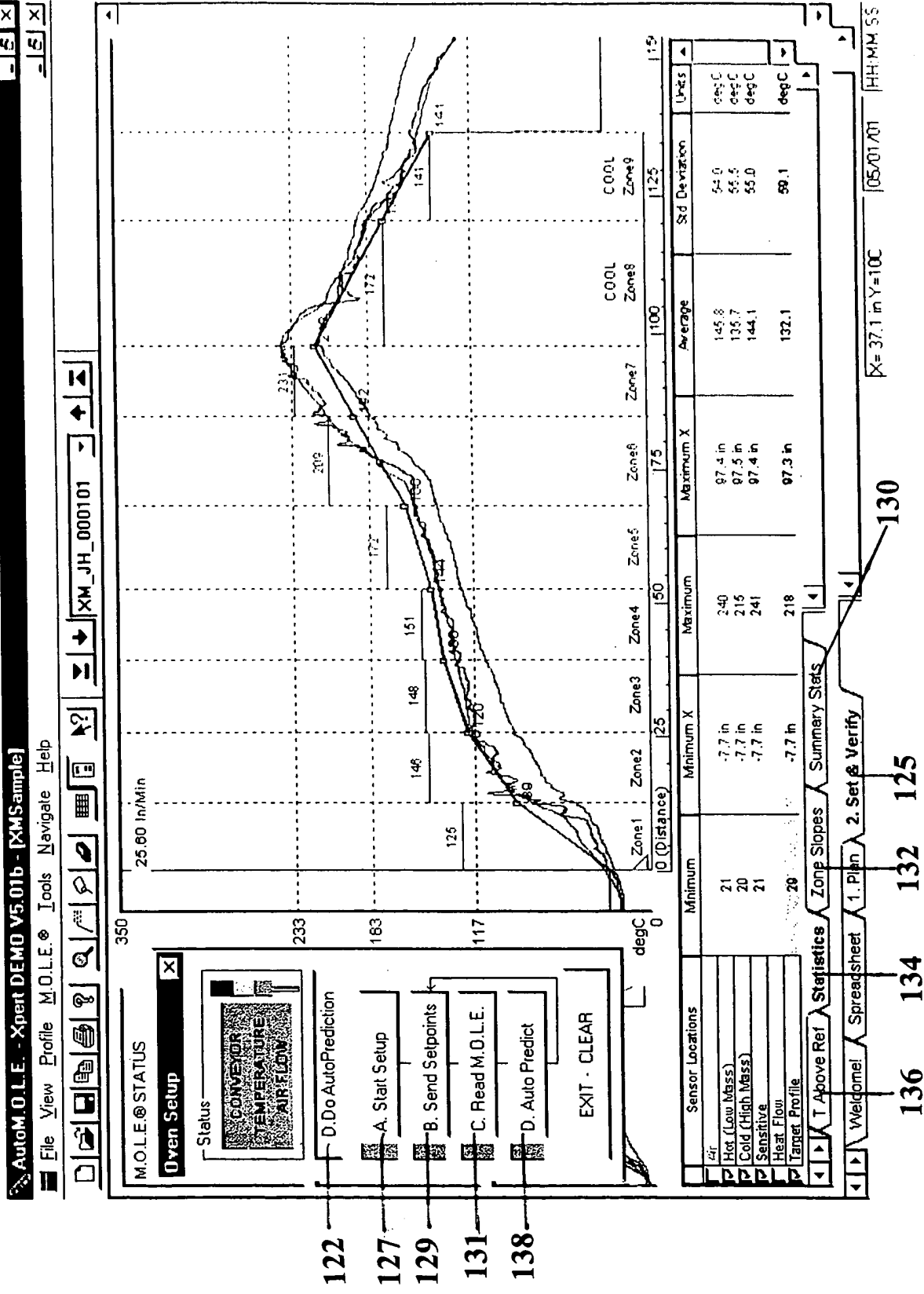


FIG. 16



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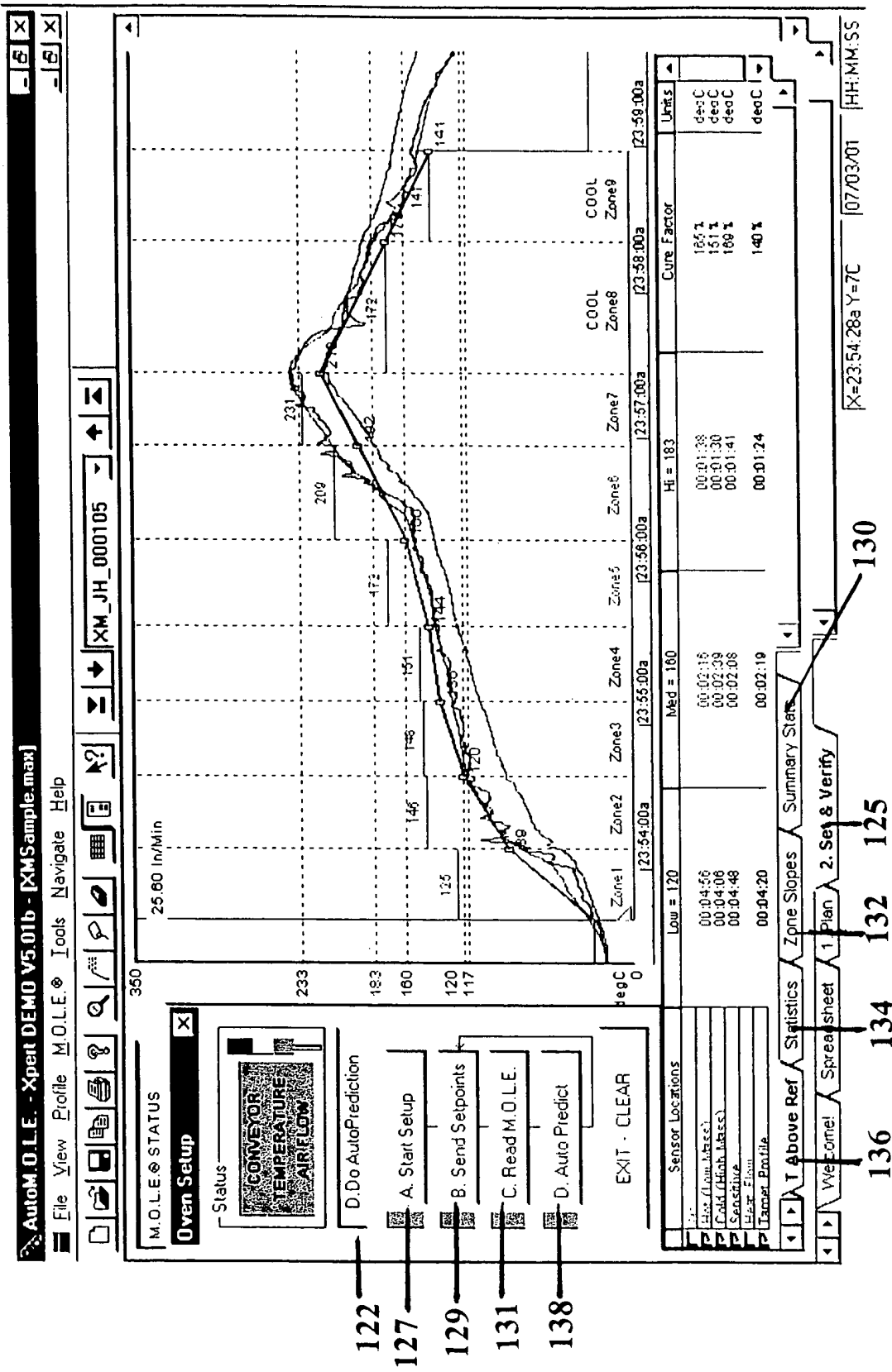


FIG. 17



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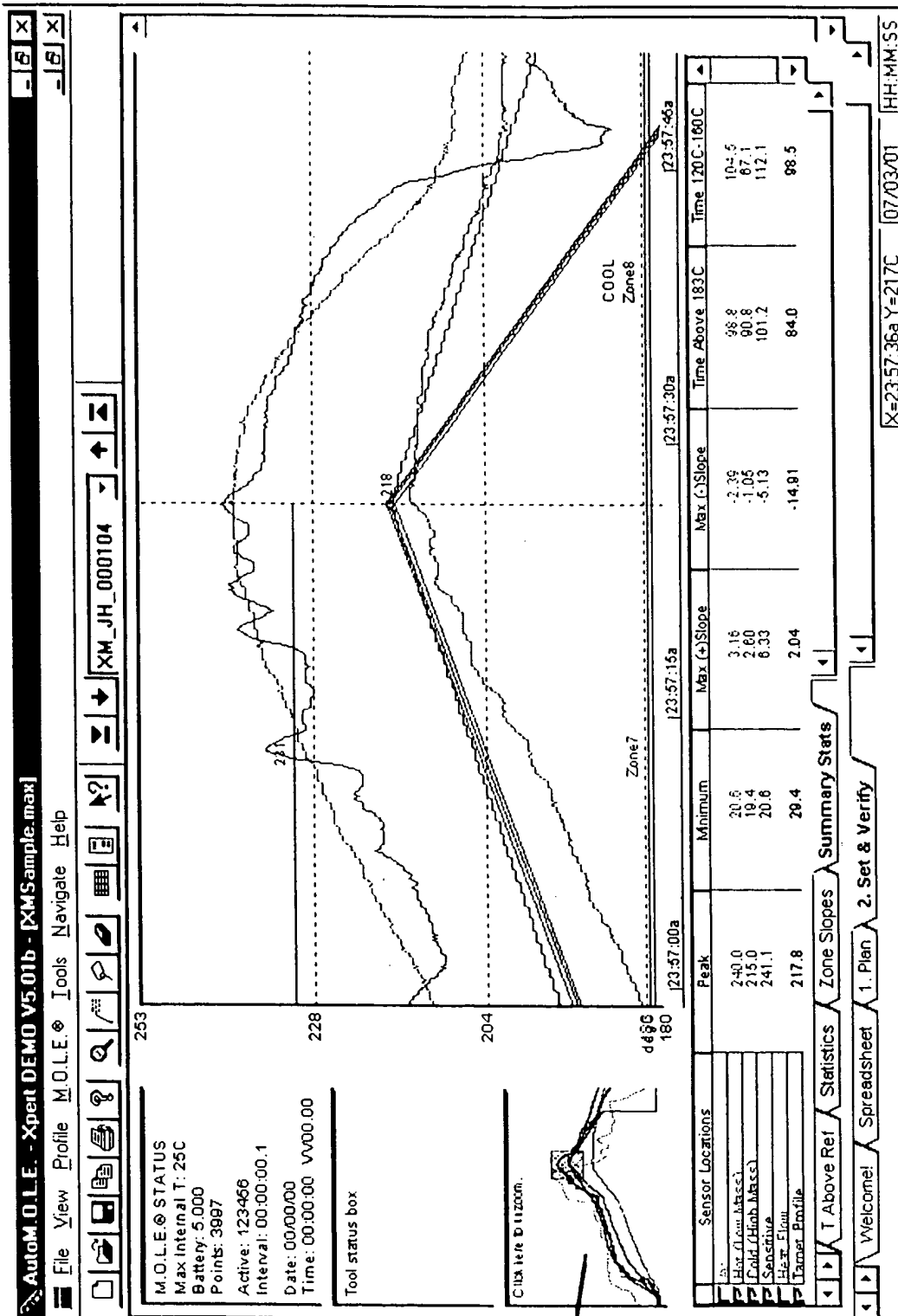
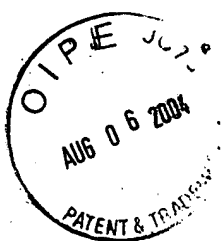
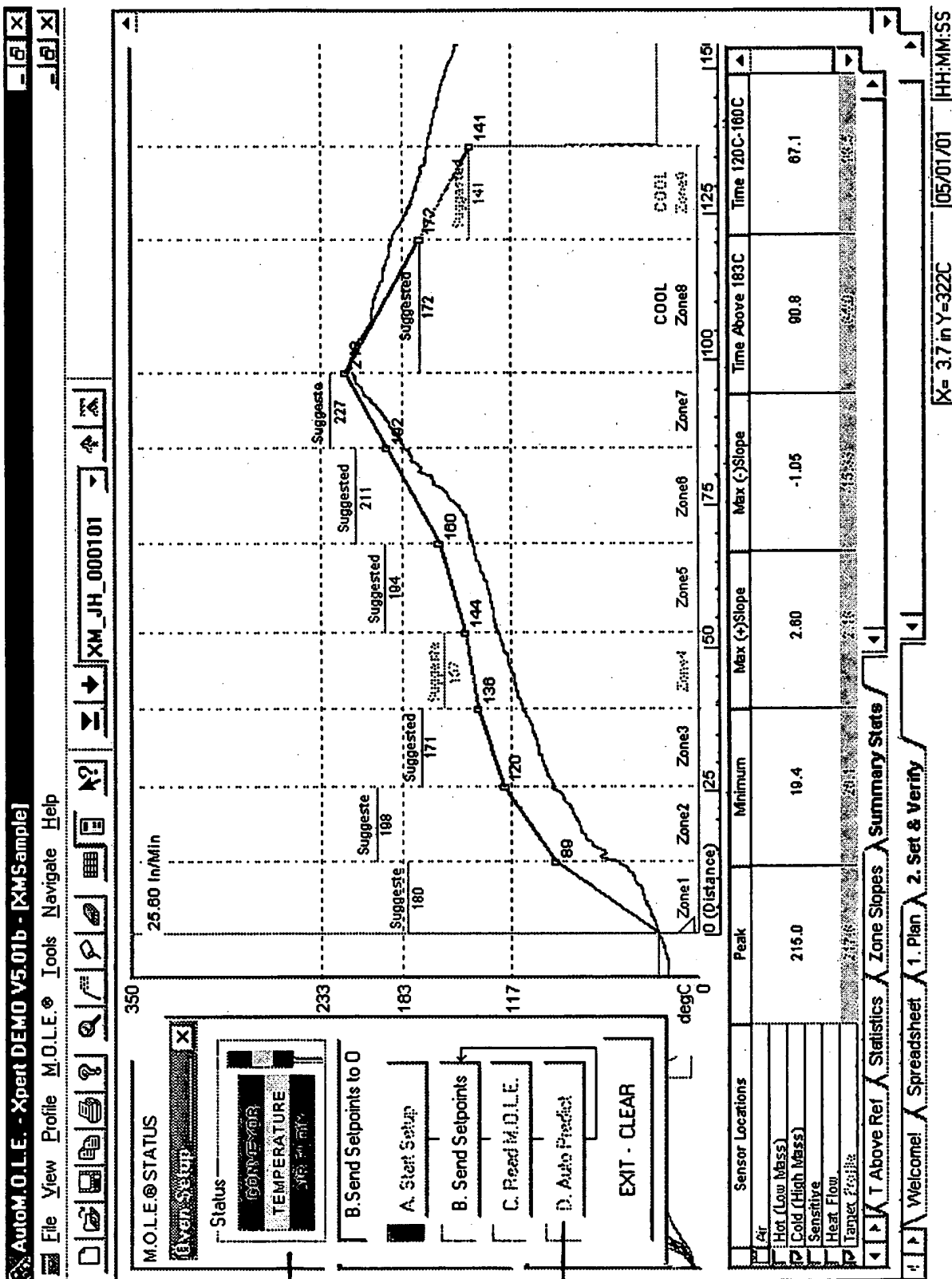


FIG. 18



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FIG. 19